



## **RAW SEQUENCE LISTING** **ERROR REPORT**

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Application Serial Number: 10/099,791A  
Source: OPE  
Date Processed by STIC: 6/28/02

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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin2help@uspto.gov](mailto:patin2help@uspto.gov) or phone 703-306-4119 (R. Wax)

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Revised 01/29/2002



**Does Not Comply**  
**Corrected Diskette Needed**

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/099,791A

DATE: 06/28/2002

TIME: 11:15:33

*Global error begins  
on p. 3*

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\06282002\J099791A.raw

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3 <110> APPLICANT: Heiskala, Marja
5 <120> TITLE OF INVENTION: REG-LIKE PROTEIN
7 <130> FILE REFERENCE: CEN0285
9 <140> CURRENT APPLICATION NUMBER: US/10/099,791A
11 <141> CURRENT FILING DATE: 2002-03-14
13 <160> NUMBER OF SEQ ID NOS: 45
15 <170> SOFTWARE: PatentIn version 3.0
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 477
19 <212> TYPE: DNA
20 <213> ORGANISM: homo sapiens
22 <400> SEQUENCE: 1
23 atggcttcca gaagcatgcg gctgctccta ttgctgagct gcctggccaa aacaggagtc      60
25 ctgggtgata tcattcatgag acccagctgt gctcctggat ggttttacca caagtccaat      120
27 tgctatggtt acttcaggaa gctgaggaac tggctctgat ccgagctcga gtgtcagtc      180
29 tacggaaaac gagccacact ggcattctatc ctgagtttaa aggaagccag caccatagca      240
31 gagtacataa gtggctatca gagaagccag ccgatatgga ttggcctgca cgaccacacag      300
33 aagaggcagc agtggcagtg gattgatggg gccatgtatc tgtacagatc ctggtctggc      360
35 aagtccatgg gtgggaacaa gcactgtgct gagatgagct ccaataacaa ctttttaact      420
37 tggagcagca acgaatgcaa caagcgccaa cacttcctgt gcaagtaccg accatag      477
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41 <211> LENGTH: 158
42 <212> TYPE: PRT
43 <213> ORGANISM: homo sapiens
45 <400> SEQUENCE: 2
47 Met Ala Ser Arg Ser Met Arg Leu Leu Leu Leu Ser Cys Leu Ala
48 1          5          10          15
50 Lys Thr Gly Val Leu Gly Asp Ile Ile Met Arg Pro Ser Cys Ala Pro
51          20          25          30
53 Gly Trp Phe Tyr His Lys Ser Asn Cys Tyr Gly Tyr Phe Arg Lys Leu
54          35          40          45
56 Arg Asn Trp Ser Asp Ala Glu Leu Glu Cys Gln Ser Tyr Gly Asn Gly
57          50          55          60
59 Ala His Leu Ala Ser Ile Leu Ser Leu Lys Glu Ala Ser Thr Ile Ala
60 65          70          75          80
62 Glu Tyr Ile Ser Gly Tyr Gln Arg Ser Gln Pro Ile Trp Ile Gly Leu
63          85          90          95
65 His Asp Pro Gln Lys Arg Gln Gln Trp Gln Trp Ile Asp Gly Ala Met
66          100         105         110
68 Tyr Leu Tyr Arg Ser Trp Ser Gly Lys Ser Met Gly Gly Asn Lys His
69          115         120         125
71 Cys Ala Glu Met Ser Ser Asn Asn Asn Phe Leu Thr Trp Ser Ser Asn
72          130         135         140

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75 145                      150                      155
77 <210> SEQ ID NO: 3
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80 <213> ORGANISM: homo sapiens
82 <400> SEQUENCE: 3
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85 ctgggtgata tcatcatg                                     78
88 <210> SEQ ID NO: 4
89 <211> LENGTH: 26
90 <212> TYPE: PRT
91 <213> ORGANISM: homo sapiens
93 <400> SEQUENCE: 4
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96 1                      5                      10                      15
98 Lys Thr Gly Val Leu Gly Asp Ile Ile Met
99                      20                      25
101 <210> SEQ ID NO: 5
102 <211> LENGTH: 17
103 <212> TYPE: PRT
104 <213> ORGANISM: homo sapiens
106 <400> SEQUENCE: 5
108 Cys Ala Glu Met Ser Ser Asn Asn Asn Phe Leu Thr Trp Ser Ser Asn
109 1                      5                      10                      15
111 Glu
114 <210> SEQ ID NO: 6
115 <211> LENGTH: 25
116 <212> TYPE: PRT
117 <213> ORGANISM: homo sapiens
119 <400> SEQUENCE: 6
121 Cys Tyr Gly Tyr Phe Arg Lys Leu Arg Asn Trp Ser Asp Ala Glu Leu
122 1                      5                      10                      15
123 Glu Cys Gln Ser Tyr Gly Asn Gly Ala
124                      20                      25
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127 <211> LENGTH: 23
128 <212> TYPE: PRT
129 <213> ORGANISM: homo sapiens
131 <400> SEQUENCE: 7
133 Trp Ile Asp Gly Ala Met Tyr Leu Tyr Arg Ser Trp Ser Gly Lys Ser
134 1                      5                      10                      15
136 Met Gly Gly Asn Lys His Cys
137                      20
139 <210> SEQ ID NO: 8
140 <211> LENGTH: 17
141 <212> TYPE: PRT
142 <213> ORGANISM: homo sapiens
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Input Set : A:\PTO.PG.txt

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146 Cys Ala Glu Met Ser Ser Asn Asn Asn Phe Leu Thr Trp Ser Ser Asn  
 147 1 5 10 15  
 149 Glu  
 152 <210> SEQ ID NO: 9  
 153 <211> LENGTH: 29  
 154 <212> TYPE: PRT  
 155 <213> ORGANISM: homo sapiens  
 157 <400> SEQUENCE: 9  
 159 Cys Ala Glu Met Ser Ser Asn Asn Asn Phe Leu Thr Trp Ser Ser Asn  
 160 1 5 10 15  
 162 Glu Cys Asn Lys Arg Gln His Phe Leu Cys Lys Tyr Arg  
 163 20 25  
 165 <210> SEQ ID NO: 10  
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 167 <212> TYPE: PRT  
 168 <213> ORGANISM: homo sapiens  
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 172 Cys Glu Tyr Ile Ser Gly Tyr Gln Arg Ser Gln Pro Ile Trp Ile Gly  
 173 1 5 10 15  
 175 Leu His Asp Pro Gln Lys Arg Gln Gln Trp Gln  
 176 20 25  
 178 <210> SEQ ID NO: 11  
 179 <211> LENGTH: 23  
 180 <212> TYPE: PRT  
 181 <213> ORGANISM: homo sapiens  
 183 <400> SEQUENCE: 11  
 185 Cys Gln Ser Tyr Gly Asn Gly Ala His Leu Ala Ser Ile Leu Ser Leu  
 186 1 5 10 15  
 188 Lys Glu Ala Ser Thr Ile Ala  
 189 20  
 191 <210> SEQ ID NO: 12  
 192 <211> LENGTH: 20  
 193 <212> TYPE: DNA  
 194 <213> ORGANISM: Artificial Sequence  
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 201 <211> LENGTH: 20  
 202 <212> TYPE: DNA  
 203 <213> ORGANISM: Artificial Sequence  
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 205 <400> SEQUENCE: 13  
 206 tggtcggtac ttgcacagga  
 209 <210> SEQ ID NO: 14  
 210 <211> LENGTH: 20  
 211 <212> TYPE: DNA

- global error  
 see p. 6 for explanation  
 20

## RAW SEQUENCE LISTING

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Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\06282002\J099791A.raw

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218 <210> SEQ ID NO: 15
219 <211> LENGTH: 20
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
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224 attcggttgct gctccaagtt 20
227 <210> SEQ ID NO: 16
228 <211> LENGTH: 19
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
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233 ttccagaagc atgcggctg 19
236 <210> SEQ ID NO: 17
237 <211> LENGTH: 19
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
W--> 241 <220> FEATURE:
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241 <400> SEQUENCE: 17
242 acaggaagtg ttggcgctt 19
245 <210> SEQ ID NO: 18
246 <211> LENGTH: 19
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
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251 atggcttcca gaagcatgc 19
254 <210> SEQ ID NO: 19
255 <211> LENGTH: 20
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
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259 <400> SEQUENCE: 19
260 ctatggtcgg tacttgcaca 20
262 <210> SEQ ID NO: 20
263 <211> LENGTH: 20
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/099,791A

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Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\06282002\J099791A.raw

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      267 <400> SEQUENCE: 20
      268 cttgctctat ggtcgggtact 20
      271 <210> SEQ ID NO: 21
      272 <211> LENGTH: 21
      273 <212> TYPE: DNA
      274 <213> ORGANISM: Artificial Sequence
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      277 actgggacca ctggagacac t 21
      280 <210> SEQ ID NO: 22
      281 <211> LENGTH: 19
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      286 gagacactga agaaggcag 19
      289 <210> SEQ ID NO: 23
      290 <211> LENGTH: 20
      291 <212> TYPE: DNA
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      295 agaccagct gtttcatagg 20
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      299 <211> LENGTH: 20
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      301 <213> ORGANISM: Artificial Sequence
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      307 <210> SEQ ID NO: 25
      308 <211> LENGTH: 23
      309 <212> TYPE: DNA
      310 <213> ORGANISM: Artificial Sequence
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      313 tgatatcatc atgagaccca gct 23
      316 <210> SEQ ID NO: 26
      317 <211> LENGTH: 21
      318 <212> TYPE: DNA
      319 <213> ORGANISM: Artificial Sequence
W--> 321 <220> FEATURE:

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 06/28/2002  
PATENT APPLICATION: US/10/099,791A      TIME: 11:15:35

Input Set : A:\PTO.PG.txt  
Output Set: N:\CRF3\06282002\J099791A.raw

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35  
Seq#:36,37,38,39,40,41,42,43,44,45

## VERIFICATION SUMMARY

DATE: 06/28/2002

PATENT APPLICATION: US/10/099,791A

TIME: 11:15:35

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\06282002\J099791A.raw

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L:196 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
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L:223 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
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L:232 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
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L:241 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
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L:250 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
L:259 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:259 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
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**VERIFICATION SUMMARY**

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DATE: 06/28/2002

TIME: 11:15:35

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\06282002\J099791A.raw

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